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NOTICE OF ALLOWANCE AND FEE(S) DUE

7590

05/05/2005

Robert R. Richardson, Esq. **BLACK LOWE & GRAHAM PLLC** 816 Second Avenue Seattle, WA 98104

 EXAMINER	
CHIN, GARY	

PAPER NUMBER

3661

ART UNIT

DATE MAILED: 05/05/2005

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/650,606	08/28/2003	Paul M. Doane	BOEI-1-1204	8312

TITLE OF INVENTION: AUTONOMOUS STATION KEEPING SYSTEM FOR FORMATION FLIGHT

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$300	. \$1700	08/05/2005

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. PROSECUTION ON THE MERITS IS CLOSED. TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEEDAND PUBLICATION FEED (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE . MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (OR AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WILL BE REGARDED AS ABANDONED.

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... Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status above is to be removed, check box 5b on Part B -Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B - Fee(s) Transmittal should be completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B. - Fee(s). Transmittal should be empleted and an extra copy of the form should be submitted.

II. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Aail Stop ISSUE FEE unless advised to the contrary.

MPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of naintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail

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or Fax

(703) 746-4000

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appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current co	orrespondence address as
sindicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate	ite "FEE ADDRESS" for
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CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

7590

05/05/2005

Robert R. Richardson, Esq. **BLACK LOWE & GRAHAM PLLC** 816 Second Avenue Seattle, WA 98104

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I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (703) 746-4000, on the date indicated below.

(Depositor's name) (Signature) (Date)

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10/650,606	08/28/2003	Paul M. Doane	BOEI-1-1204	8312

STITLE OF INVENTION: AUTONOMOUS STATION KEEPING SYSTEM FOR FORMATION FLIGHT

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nonprovisional	NO	\$1400		\$300	\$1700	08/05/2005
EXA	MINER	ART UNI	T	CLASS-SUBCLASS		
CHIN	, GARY	3661		701-301000		
1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363). Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached. "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.		(1) the na or agents (2) the na registered 2 registered	mes of up to 3 registered pate OR, alternatively, me of a single firm (having as attorney or agent) and the nared patent attorneys or agents. It mame will be printed.	a member a 2		

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

•	· — — — —
lease check the appropriate assignee category or categories (will not be	
a. The following fee(s) are enclosed:	4b. Payment of Fee(s):
Issue Fee	A check in the amount of the fee(s) is enclosed.
Publication Fee (No small entity discount permitted)	Payment by credit card. Form PTO-2038 is attached.
Advance Order - # of Copies	The Director is hereby authorized by charge the required fee(s), or credit any overpayment, to Deposit Account Number (enclose an extra copy of this form).
Change in Entity Status (from status indicated above)	
a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27.	b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).
he Director of the USPTO is requested to apply the Issue Fee and Publ OTE: The Issue Fee and Publication Fee (if required) will not be accepterest as shown by the records of the United States Patent and Tradem	ication Fee (if any) or to re-apply any previously paid issue fee to the application identified above. oted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in ark Office.
Authorized Signature	Date
Typed or printed name	Registration No.
as collection of information is required by 37 CFR 1 311. The information	ation is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process)

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Mexandria, Virginia 22313-1450.

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10/650,606 08/28/2003		Paul M. Doane	BOEI-1-1204	8312
7:	590 05/05/2005		EXAM	INER
Robert R. Richar	-		CHIN, C	GARY
BLACK LOWE & 816 Second Avenu	GRAHAM PLLC		ART UNIT	PAPER NUMBER
Seattle, WA 98104			3661	

DATE MAILED: 05/05/2005

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 0 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 0 day(s).

a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571) 272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at (703) 305-8283.

	Application No.	Applicant(s)
	10/650,606	DOANE, PAUL M.
Notice of Allowability	Examiner	Art Unit
	Gary Chin	3661
The MAILING DATE of this communication applications being allowable, PROSECUTION ON THE MERITS is rewith (or previously mailed), a Notice of Allowance (PTOL-8 DTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT the Office or upon petition by the applicant. See 37 CFR 1.3	IS (OR REMAINS) CLOSED in (5) or other appropriate comming RIGHTS. This application is \$13 and MPEP 1308.	n this application. If not included unication will be mailed in due course. THIS
This communication is responsive to the amendment file	e <u>d 4/18/05</u> .	
The allowed claim(s) is/are <u>1-12,14-16,18-40,42-44,46-5</u>	5 <u>9,61-63,65 and 66</u> .	
The drawings filed on <u>28 August 2003</u> are accepted by t	he Examiner.	
 Acknowledgment is made of a claim for foreign priority a) ☐ All b) ☐ Some* c) ☐ None of the: 1. ☐ Certified copies of the priority documents had 		or (f).
2. Certified copies of the priority documents ha	ive been received in Application	on No
3. Copies of the certified copies of the priority	documents have been receive	d in this national stage application from the
International Bureau (PCT Rule 17.2(a)).		
* Certified copies not received:		
Applicant has THREE MONTHS FROM THE "MAILING DATE noted below. Failure to timely comply will result in ABANDON THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.		e a reply complying with the requirements
☐ A SUBSTITUTE OATH OR DECLARATION must be sub INFORMAL PATENT APPLICATION (PTO-152) which g		
CORRECTED DRAWINGS (as "replacement sheets") m	ust be submitted.	
(a) including changes required by the Notice of Draftspe	erson's Patent Drawing Review	v (PTO-948) attached
1) 🔲 hereto or 2) 🔲 to Paper No./Mail Date	·	
(b) including changes required by the attached Examine Paper No./Mail Date	er's Amendment / Comment or	r in the Office action of
Identifying indicia such as the application number (see 37 CFF each sheet. Replacement sheet(s) should be labeled as such in	- ••	•
☐ DEPOSIT OF and/or INFORMATION about the department attached Examiner's comment regarding REQUIREMEN		
tachment(s)		•
☐ Notice of References Cited (PTO-892)	5. Notice of In	formal Patent Application (PTO-152)
☐ Notice of Draftperson's Patent Drawing Review (PTO-948	, —	ummary (PTO-413), Mail Date
☐ Information Disclosure Statements (PTO-1449 or PTO/SE Paper No./Mail Date		Amendment/Comment
·	t 8 □ Examiner's	Statement of Reasons for Allowance
☐ Examiner's Comment Regarding Requirement for Deposition of Biological Material	9. Other	

PHIMANT EXAMINER

Art Unit: 3661

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

The application has been amended as follows:

(I) In claim 20, line 20, after "greater", the word --than-- has been inserted.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Gary Chin whose telephone number is (571) 272-6959. The examiner can normally be reached on Monday-Friday 8:00 AM to 4:30 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Thomas G Black can be reached on (571) 272-6956. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

GARY CHIN PRIMARY EXAMINER

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